

# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

Date:	19.07.22	Job No.:	SE19-827-05	ADR Yes/No:	Y	ADR Date:	19.07.22	ECN #:	19- 824
Product No.:	D119-827	Created By:	PM	Approved By:	DS				
Product Name:	Tail Rotor Pedal Lockout Kit			Checked By:	VS				

**Reason for Change:**

To address CAR19-325; Add engagement dimension to locking pin installation in D4703-041/-043 assemblies in D119-827 Pedal Lockout Kits.  
To address PAR17-606; correct length of rivet.

**Documents Released:**

SB19-4 Rev. A  
D4703 Rev. C  
D4704 Rev. C

IF APPLICABLE:    NCR: \_\_\_\_\_    PAR: 17-606    CAR: 19-325    CIR: \_\_\_\_\_    URF: \_\_\_\_\_

PAPERWORK UPDATE ☒    PARTS MUST COMPLY ☒    PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	MB	Send SB19-4 to all customers who have this product.	
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	PM	MDL-D119-827 Rev. I	19.07.22
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MG		met 19.10.28
12	Update Product Specification Files (Bluefiles)	Y	MG		met 19.10.28
13	Update Approved/Preliminary Dwg PDF Files	Y	MG		met 19.10.28
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MG		met 19.10.28
17	Update / Verify Authorized Release Certificate Database	Y	MG		met 19.10.28
18	Create / Update Change Record Form / Item Card Database	Y	MG	See below	met 19.10.28
19	Create / Update Packaging Process Plan (PPP)	Y	MG		met 19.10.28
20	Red Decals required on Packaging Process Plan (PPP)?	Y	MG		met 19.10.28
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	MG		met 19.10.28
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	MG		met 19.10.28
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

**Description / Action:**

Check D119-827-011 Kits in stock/in progress are conforming and re-identify as CHG# 003.

Check D109-827-013 Kits in stock/in progress are conforming and re-identify as CHG# 002.

Add SB19-4 to website.

Close CAR19-325

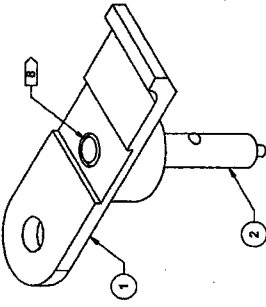
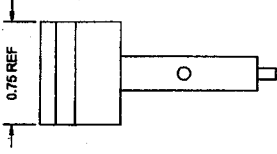
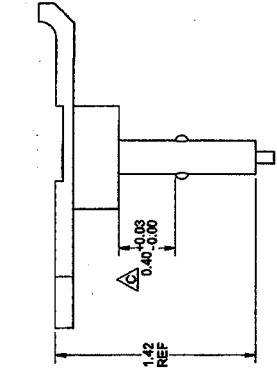
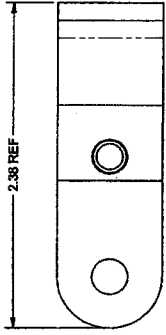
Close PAR17-606

Update BOMS/Routes per D4703 Rev. C and D4704 Rev. C.

ECN Verified & Complete: \_\_\_\_\_

Date: \_\_\_\_\_

ITEM	QTY	PIN	DESCRIPTION
1	X	D4703-041	LOCK PIN ASSY
2	1	D4703-043	LOCK PIN BASE
3	1	D4705-1	QUICK RELEASE PIN



# D4703-041 LOCK PIN ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFY PER QSI 044 6.7
  - 7) WEIGHT: 0.07 LBS
  - 8) APPLY LOCITITE 262 TO D4703-043 THREADS PRIOR TO FASTENING D4705-1

RELEASED  
2018 OCT 28  
2018 N 054

C		ADDED PIN ENGAGEMENT DIMENSION. REF CAR18-325		PM	19.07.18
B		ADDED D4703-043 AND D4705-1		VS	17.07.03
A		NEW ISSUE		RP	12.06.18
REV.	DESCRIPTION	VS	BY	DATE	
DRAWN		PM			
CHECKED		RF			
MFG. APPR.		JFS			
APPROVED		VS			
DE APPR.		DS			
DATE	19.07.18				

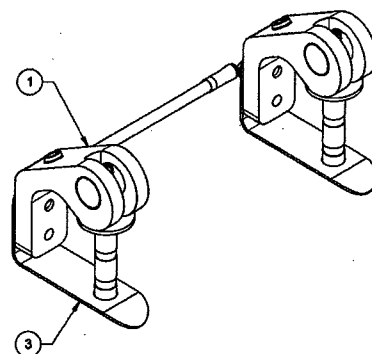
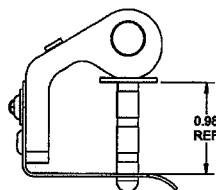
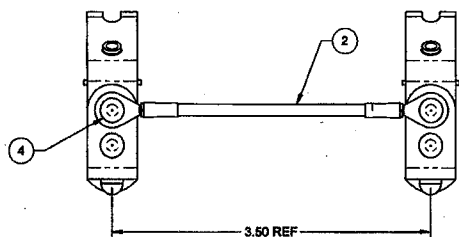
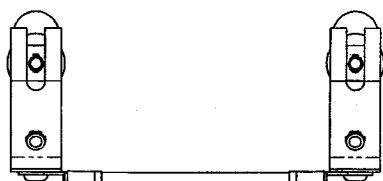
**DART AEROSPACE USA, INC.**  
HILLSBORO, OR

DRAWING NO. **D4703** REV. C  
SHEET 1 OF 6

TITLE **LOCK PIN ASSY** SCALE  
NTS

DESIGNED BY **DAVE J. AEROSPACE USA, INC.**  
CHECKED BY **DAVE J. AEROSPACE USA, INC.**  
MFG. APPROVED BY **DAVE J. AEROSPACE USA, INC.**  
DE. APPROVED BY **DAVE J. AEROSPACE USA, INC.**

ITEM	QTY	P/N	DESCRIPTION
	X	D4704-041	EXPANDABLE PIN ASSY
1	2	D4711-041	EXPANDABLE PIN, MODIFIED
2	1	D4708-1	LANYARD
3	2	D4709-1	SPRING CLIP
4	4	MS20613-4C8	RIVET



# **D4704-041 EXPANDABLE PIN ASSY**

## **NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4704-041" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: 0.39 lbs

**RELEASED**






2019 OCT 28 4/

Size 14-5824

C	MS20613-4C7 WAS MS20613-4C8, REVISED SHEET 2, NOTE 8; REF PART 7-608	VS	17.11.28
B	ADDED D4704-043	VS	17.02.02
A	NEW ISSUE	RP	12.09.10
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	<b>DART AEROSPACE USA, INC.</b> HILLSBORO, OR	
DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DD	<b>D4704</b>	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>EXPANDABLE PIN ASSY</b>	NTS
DATE	17.11.28	COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS UNCLASSIFIED AND CONTAINS NO INFORMATION ON THE CONTROL OF INFORMATION THAT IS A MATERIAL PART OF THE NATIONAL DEFENSE AND IS NOT TO BE RELEASED OR DISCLOSED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION OF DART AEROSPACE USA, INC.	

APPROVED






Operation Number	Operation	Container No	Job	Master Unit Number	Quantity	Weight	Serial No/Batch	Location	Container	Status	Added	Special Comments	Label	Supplier	Change No	Expiration Date	Inventory Type
Part Number: D4703-041 Revision: Lock Pin Assembly																	
150	QC 21 - SA	S197829	195349		5 pcs	0	S197829	Quarantine		Stock	7/15/2019	URF19-914 19/09/2019 release from quarantine by P.D. on 19/11/05					False
Operation Totals:		1			5	0											
Part Totals:		1			5	0											
Part Number: D4703-043 Revision: Lock Pin Base																	
136	QC 6	S222161	201250		10 pcs	0	S222161	QC 6 - 81		WIP	10/13/2019						False
Operation Totals:		1			10	0											
150	QC 21 - SA	S174141	193553		1 pcs	0	S174141	Quarantine Bin		Stock	4/22/2019	URF19-914 19/09/2019. Release from quarantine by P.D. on 19/11/05					False
		S190728	195350		4 pcs	0	S190728	Quarantine Bin		Stock	6/17/2019	URF19-914 19/09/2019. Release from quarantine by P.D. on 19/11/05					False
Operation Totals:		2			5	0											
Part Totals:		3			15	0											
Part Number: D4703-045 Revision: Lock Pin Assembly																	
150	QC 21 - SA	F163747			1 pcs	0	163747	FP001		Stock	10/3/2017	URF19-914 19/09/2019 release from quarantine by P.D. on 19/11/05					
Operation Totals:		1			1	0											
Part Totals:		1			1	0											
Totals:		5			21	0											



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

## Inventory

Operation Number	Operation	Container No	Job	Master Unit Number	Quantity	Weight	Serial No/Batch	Location	Container	Status	Added	Special Comments	Label	Supplier	Change No	Expiration Date	Inventory Type
<b>Part Number: D4704-041 Revision: Expandable Pin Assembly</b>																	
150	QC 21 - SA	\$203875	195353		3 pcs	0	S203875	ST110	Bin	Stock	8/8/2019	.					False
<b>Operation Totals:</b>		1			3	0											
<b>Part Totals:</b>		1			3	0											
<b>Part Number: D4704-043 Revision: Expandable Pin Assembly</b>																	
110	Packaging 1 - Pick Kit	\$109723	182711		4 pcs	0	S109723	Packaging1		WIP	9/13/2018	.					False
<b>Operation Totals:</b>		1			4	0											
150	QC 21 - SA	\$168795	182711-A		2 pcs	0	S109723	ST110	Bin	Stock	4/2/2019	.					False
<b>Operation Totals:</b>		1			2	0											
<b>Part Totals:</b>		2			6	0											
<b>Totals:</b>		3			9	0											

Plex 11/21/2019 3:25 PM dart.Lacelle.Linda

Linda Lacelle

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**From:** Patrick Duval  
**Sent:** Monday, December 2, 2019 11:11 AM  
**To:** Linda Lacelle; Nancy Decosse  
**Subject:** RE: lotssssss of orders for these

Status was already stock in plex

Pat Duval

**From:** Linda Lacelle <llacelle@dartaero.com>  
**Sent:** December 2, 2019 8:25 AM  
**To:** Nancy Decosse <ndecosse@dartaero.com>; Patrick Duval <pduval@dartaero.com>  
**Subject:** RE: lotssssss of orders for these

Perfect

Pat, pls remove from qrtn in Plex

**From:** Nancy Decosse <ndecosse@dartaero.com>  
**Sent:** Monday, December 2, 2019 8:21 AM  
**To:** Linda Lacelle <llacelle@dartaero.com>  
**Subject:** Re: lotssssss of orders for these

YES WE HAVE IT 😊

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**De :** Linda Lacelle <llacelle@dartaero.com>  
**Envoyé :** 30 novembre 2019 13:14  
**À :** Nancy Decosse <ndecosse@dartaero.com>  
**Objet :** Fwd: lotssssss of orders for these

Do you have these?

Sent from my iPhone

Begin forwarded message:

**From:** Patrick Duval <[pduval@dartaero.com](mailto:pduval@dartaero.com)>  
**Date:** November 30, 2019 at 11:38:26 AM GMT-5  
**To:** Linda Lacelle <[llacelle@dartaero.com](mailto:llacelle@dartaero.com)>  
**Cc:** Steven Drouin <[sdrouin@dartaero.com](mailto:sdrouin@dartaero.com)>  
**Subject:** RE: lotssssss of orders for these

..... I release those from quarantine a couples of week ago and gave them to Nancy to stock and change to the proper location.

Not sure why they show location quarantine, will check avec Nancy on Monday.

**Pat Duval**

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**From:** Linda Lacelle <[llacelle@dartaero.com](mailto:llacelle@dartaero.com)>  
**Sent:** November 29, 2019 2:36 PM  
**To:** Patrick Duval <[pduval@dartaero.com](mailto:pduval@dartaero.com)>  
**Cc:** Steven Drouin <[sdrouin@dartaero.com](mailto:sdrouin@dartaero.com)>  
**Subject:** lotssssss of orders for these

Guys,  
We have in stock  
5 x D4703-041  
10 x D4703-043

Are these good to use as-is?? I need to get these kits moving

Merci



Part Number	Operation Number	Operation	Container No	Job	Master Unit Number	Quantity	Weight	Serial No/Batch	Location	Container	Status
Part Number: D4703-041 Revision: Lock Pin Assembly											
D4703-041	150	QC 21 - SA	<u>S197829</u>	<u>195349</u>		5 pcs	0	S197829	Quarantine		Stock
Operation Totals:			1			5	0				
Part Totals:			1			5	0				
Totals:			1			5	0				